



National
Transportation
Safety Board

M/V Trinity II Survival Factors

Liam LaRue

Lifesaving Equipment

- Lifejackets
- Ring buoys
- Lifefloats
- Flares
- 406 MHz Emergency Position Indicating Radio Beacon (EPIRB)

Inflatable Liferafts



Inflatable Liferafts



Crew Training

- All four crewmembers were trained in:
 - Use of lifesaving equipment
 - Survival principles
- Conducted periodic drills

Preparation to Evacuate

- Crew gathered supplies
 - Food
 - Water
 - Flares
- All personnel wearing lifejackets

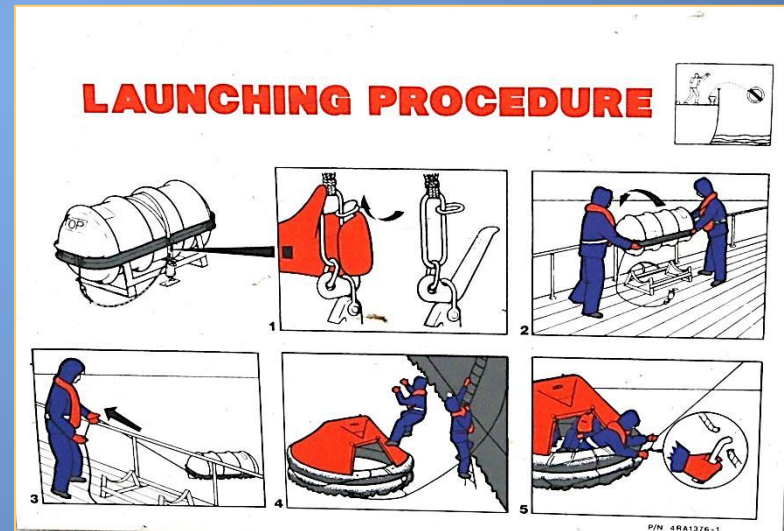
EPIRB



EPIRB



Liferaft Inflation



Abandon Ship

- All personnel moved to main deck
- Contractors retrieved a lifefloat
- All personnel remained together with the lifefloat



In-Water-Survival

- Heavy Weather Thursday and Friday
- No out-of-water flotation
- No food, water, or rest



Life Saving Equipment Repair Co.

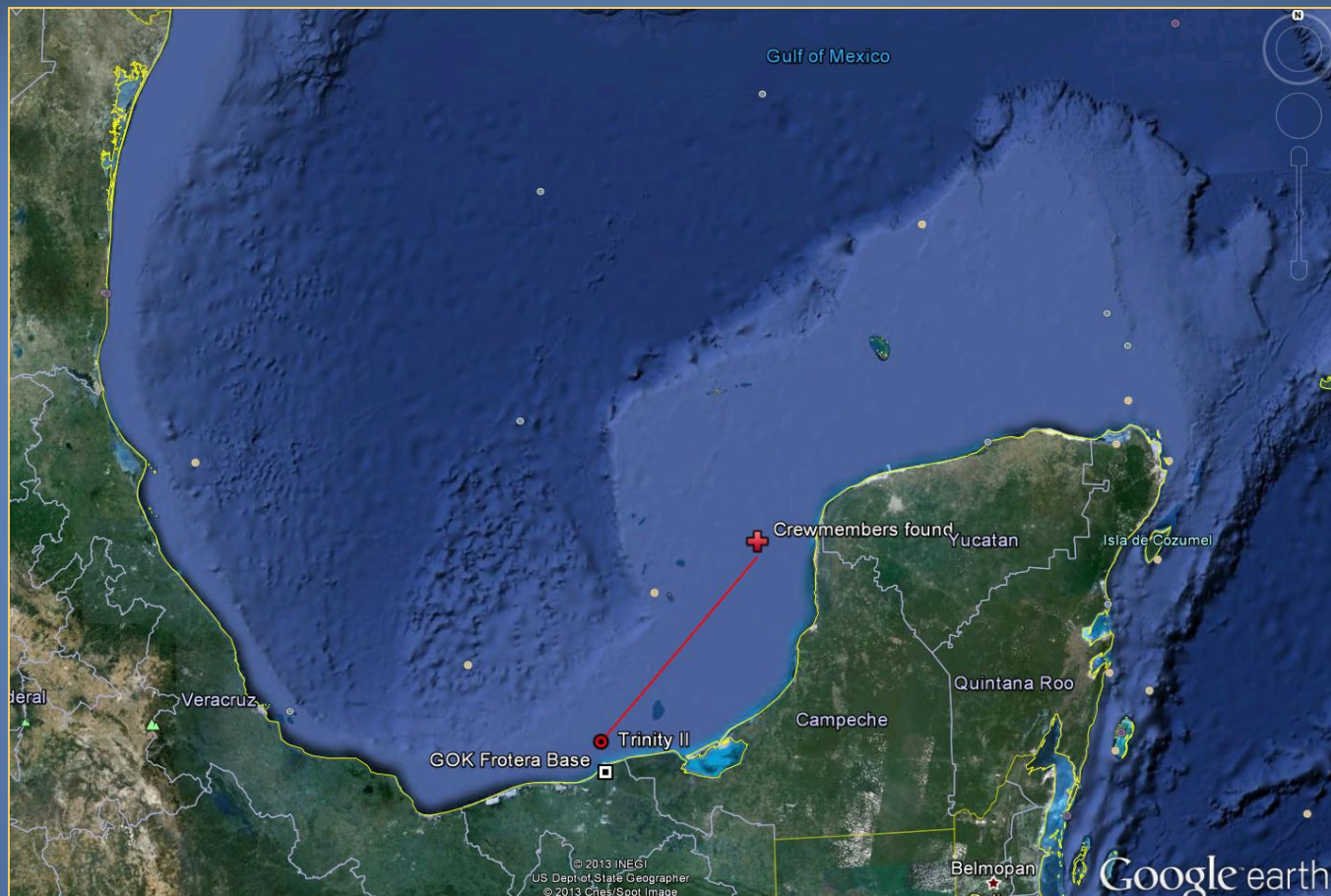
In-Water-Survival

- Four persons attempted to swim
- Failed to reach platform
- Resulted in the group becoming separated

Rescue



Rescue



Search and Rescue

- Mexican Navy (SEMAR) responsible for SAR
- US Coast Guard offered to assist

Search and Rescue

- SEMAR declined to be interviewed regarding the search
- SEMAR provided limited information about assets used in search

Search and Rescue

- SEMAR uses SAR software called SAROPS
- US Coast Guard conducted a review of SEMAR's proficiency with SAROPS

Proposed Safety Alert

- Numerous survival issues
 - Liferaft inflation
 - Planning
 - Use of EPIRB
 - Actions in the water



National Transportation Safety Board